

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/008956

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A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl.⁷ F01P7/16, F16K31/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int. Cl.⁷ F01P7/16, F16K31/68

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 99382/1989 (Laid-open No. 38474/1991) (Nippon Thermostat Co., Ltd.), 15 April, 1991 (15.04.91), Figs. 1 to 4 (Family: none)	1, 3, 4
Y	JP 60-65215 A (Behr-Thomson Dehnstoffregler GmbH.), 15 April, 1985 (15.04.85), Fig. 1 & US 4550693 A & EP 0139951 A1 & DE 3332587 A1	1, 3, 4

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
22 June, 2005 (22.06.05)Date of mailing of the international search report
12 July, 2005 (12.07.05)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 128094/1988 (Laid-open No. 50125/1990) (Suzuki Motor Co., Ltd.), 09 April, 1990 (09.04.90), Fig. 3 (Family: none)	3, 4
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 141202/1989 (Laid-open No. 80176/1991) (Nippon Thermostat Co., Ltd.), 16 August, 1991 (16.08.91), Fig. 2 (Family: none)	3, 4